

**FAX TRANSMITTAL COVER SHEET**

**TO:** U. S. Patent and Trademark Office  
Technology Center 1700  
Attn: Examiner, John Christopher Douglas  
Art Unit: 1764

RECEIVED  
CENTRAL FAX CENTER  
DEC 13 2006

**FAX No.:** (571) 273-8300

**DATE:** December 13, 2006

**FROM:** Beatrice C. Ortego - Reg. 54,350

**ConocoPhillips Company**  
600 N. Dairy Ashford  
Houston, TX 77079-1175

**TELEPHONE:** (281) 293-4751  
**FAX:** (281) 293-3700

**CLIENT NO.:** 1856-38100 (9852.0-02)

**TOTAL NUMBER OF PAGES (INCLUDING THIS ONE):** 14

**COMMENTS:Re:** U.S. Patent Application No. **10/802,974**  
Filing Date: **March 17, 2004**  
Applicant(s): **Sridhar Gopalakrishnan et al**

The following documents are attached for filing:

- Transmittal Form (PTO/SB/21) - 1 page
- Supplemental Information Disclosure Statement - 2 pages
- PTO Forms SB/08B - 1 page
- PCT Search Report for International Application No. PCT/US05/04746 - 3 pages
- PCT Written Opinion for International Application No. PCT/US05/04746 - 6 pages

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being sent by facsimile transmission on the date shown below to the facsimile number above to the U.S. Patent and Trademark Office, in accordance with 37 CFR § 1.8(a).

Patricia E. Motl  
(Type or print name of person faxing paper)

**Date:** December 13, 2006

  
(Signature of person faxing paper)

*This facsimile and the information it contains is intended to be a confidential communication only to the person or entity to whom it is addressed. If you have received this facsimile in error, please notify us by telephone.*

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/802,974
	Filing Date	March 17, 2004
	First Named Inventor	Sridhar Gopalakrishnan
	Art Unit	1764
	Examiner Name	JOHN CHRISTOPHER DOUGLAS
	Attorney Docket Number	1856-38100 (9852.0-02)
Total Number of Pages in This Submission	14	

RECEIVED  
CENTRAL FAX CENTER  
DEC 13 2006

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> Information Disclosure Statement (2 pg.)	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Fax Cover Sheet including Certificate of Transmission (1 pg) - PTO SB/8B (1 pg) - Two (2) foreign patent office non-patent documents (9 pg)
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Landscape Table on CD	
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	CONOCOPHILLIPS COMPANY		
Signature	<i>Beatrice C. Ortego</i>		
Printed name	BEATRICE C. ORTEGO		
Date	December 13, 2006	Reg. No.	54,350

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Patricia E. Motl</i>		
Typed or printed name	PATRICIA E. MOTL	Date	December 13, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
CENTRAL FAX CENTER

DEC 13 2006

APPLICANT:	Sridhar Gopalakrishnan et al	§	CONFIRMATION No.: 5079
		§	
SERIAL No.:	10/802,974	§	GROUP ART UNIT No.: 1764
		§	
FILED:	March 17, 2004	§	EXAMINER: John Christopher
		§	Douglas

FOR: Hydroprocessing methods and apparatus for use in the preparation of liquid hydrocarbons

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Our File Number: 1856-38100 (9852.0-02)

Customer No: 31889

Date: December 13, 2006

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.97, §1.98, Applicant is providing herewith this Supplemental Information Disclosure Statement, including copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Forms PTO/SB/8B which substitute 1449B forms. This information is supplemental to the Information Disclosure Statements (IDS) and Forms PTO 1449 filed in the above-referenced case on July 14, 2004, on May 24, 2006 and on June 5, 2006.

This submission includes a Search Report and a Written Opinion, both dated October 3, 2006 of PCT International Application PCT/US05/04746, which is a foreign counterpart application of the above U.S. application. Two patent references cited in the Search Report (i.e., U.S. Patent No. 5,888,376 and U.S. Patent No. 4,943,672) were previously cited by the Examiner on a PTO-892 form in conjunction to an Office Action on June 27, 2006. The other three references cited in the Search Report were previously submitted. U.S. Patent No. 6,583,186. was previously cited in the IDS submitted on May 24, 2006; U.S. Patent No. 5,378,348 and WO 01/59034 were previously cited in the IDS submitted on July 14, 2004.

1856.38100

**Appl No. 10/802,974**  
**Supplemental IDS dated December 13, 2006**

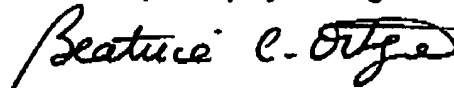
Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. Thus, **Applicant respectfully request that this information shall be considered under §1.97(e)**. Accordingly, Applicant believes that no fee is due for the filing of this Supplemental Information Disclosure Statement. Nonetheless, if Applicant is in error and this Information Disclosure Statement can only be considered under §1.97(c), the Commissioner is authorized to charge Deposit Account Number 16-1575 of ConocoPhillips Company, Houston, Texas, in the amount of \$180 as required by §1.17(p).

The submission of this supplemental Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicant hereby reserves the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicant's invention under 35 U.S.C. § 102 or § 103.

It is respectfully requested that the attached documents be considered and officially cited in the examination of this Application.

Respectfully submitted,  
ConocoPhillips Company – IP Legal



Beatrice C. Ortego  
PTO Reg. No. 54,350  
600 North Dairy Ashford  
Houston, TX 77079-1175  
(281) 293-4751  
AGENT FOR APPLICANT

Date: December 13, 2006

PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete If Known</b>			
		Application Number	10/802,974		
		Filing Date	March 17, 2004		
		First Named Inventor	Sridhar Gopalakrishnan		
		Art Unit	1764		
		Examiner Name	John Christopher Douglas		
Sheet	1	of	1	Attorney Docket Number	1856-38100 (9852.0-02)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	PCT Search Report for International Application No. PCT/US05/04746 dated October 3, 2006 (3 pg)	
	AB	PCT Written Opinion for International Application No. PCT/US05/04746 dated October 3, 2006 (6 pg)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.